TRANSMITTAL FORM (to be used for all correspondence after initial fill Total Number of Pages in This Submission	Filling Date Art Unit Attorney Docket Number Application of respond to a collection of 10/6 Filling Date July First Named Inventor Mel Actorney Docket Number	PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 d Trademark Office; U.S. DEPARTMENT OF COMMERCE information unless it displays a valid OMB control number. 627,618 y 28, 2003 Ivin C. MAKI
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attomey, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): PTO/SB/08A
Firm or Individual name Signature Date October 23, 2003 CE I hereby certify that this correspondence is being the correspondence of the correspondence is being the correspondence of the correspondence is being the correspondence of the c	RTIFICATE OF TRANSMISSION/MA	
the date shown below. Typed or printed name	The second telegraphic for the second	, . 15. 50A 1700, Nichaliulia, YA 223 15 1450 011

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiallty is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File : 0145P33US01

Application No.: 10/627,618

Filed : July 28, 2003

Title : AN INTEGRATED SENSOR CABLE FOR RANGING

APPLICANT : Melvin C. MAKI

Art Unit : 2632

<u>INFORMATION DISCLOSURE STATEMENT</u>
Under 37 C.F.R. 1.97

Commissioner of Patents & Trademarks Washington, DC 20231 U.S.A.

Sir:

Under the provisions of 37 C.F.R. 1.97, including particularly subsections (a) and (e) thereof, and 37 C.F.R. 1.98 including specifically subsection (a) thereof, Applicant calls to the attention of the Examiner the following documents:

United States Patent 3,846,780 - Gilcher
United States Patent 5,446,446 - Harman
United States Patent 5,705,984 - Wilson
United States Publication 2002/0041232 - Harman

Applicant respectfully requests that these references be entered into the record of this application. The Examiner is requested to initial the appropriate area on the enclosed copy of PTO/SB/08A, thereby indicating consideration by the Examiner of the references.

Applicant respectfully submits that the present claims are patentable over the references identified herein, and requests timely and favourable examination of this application.

Respectfully submitted,

Dennis R. Haszko Reg. No. 39,575 October 23, 2003

Date

SHAPIRO COHEN

P.O. Box 3440, Station "D" Ottawa, ON K1P 6P1 CANADA

Tel.: (613) 232-5300

DRH:jp Enclosure

Substitute for form 1449/PTO

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/627,618			
Filing Date	July 28, 2003			
First Named Inventor	Melvin C. MAKI			
Art Unit	2632			
Examiner Name				
Attorney Docket Number	0145P33US01			

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (I known)}			Figures Appear
		^{US-} 3,846,780	11/05/1974	Gilcher	
		^{US-} 5,446,446	08/29/1995	Harman	
		^{US-} 5,705,984	01/06/1998	Wilson	•
		^{US-} 2002/0041232	04/11/2002	Harman	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Examiner	•	Date	
Signature			
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.	SERIAL NO.
9432-000186	10/266,999
APPLICANT	
Xinbing Liu	
FILING DATE	GROUP
October 8, 2002	1725

U.S. P	ATENT DO	CUMENTS		2 1		00
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		5,225,650	7/6/1993	Babel, et al.		
2.		5,340,962	8/23/1994	Schmidt, et al.		
3.		6,057,525	5/2/2000	Chang, et al.		
. 4.		6,303,903B1	10/16/2001	Liu		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	on No
1.		WO 01/28734A1	4/26/2001	WIPO			

OTHE	R DOCUME	NTS (including Author, Title, Date, Pertinent Pages, etc.)
Ref. Desig.	Examiner's Initials	
1.		"Laser Materials Processing Applications at Lawrence Livermore National Laboratory", R. Steven Hargrove, et al., SPIE, Vol. 1859, Laser Isotope Separation (1993), pp. 263-272.
2.		"Precision Micro Drilling With Copper Vapor Lasers", J.J. Chang, et al., ICALEO (1994), pp. 323-332.

Examiner:	Date Considered:	